

# Nordic Semiconductor ASA

## nPM1100 Evaluation Board (PCA10123)

Sheet 1:

Sheet 2:

Sheet 3:

Cover


nPM1100

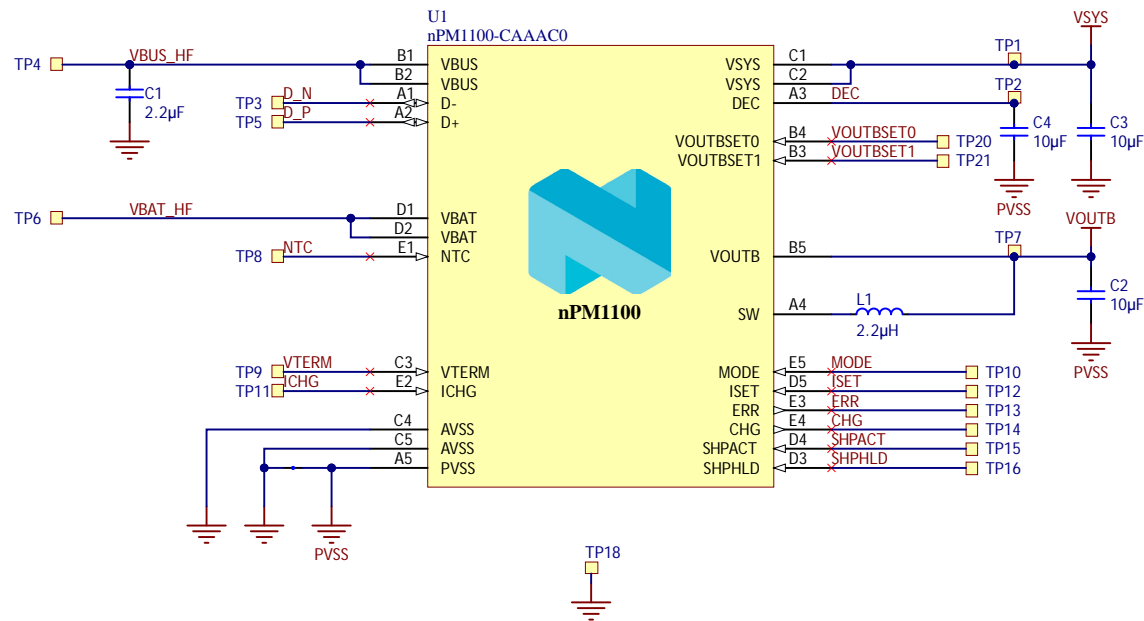
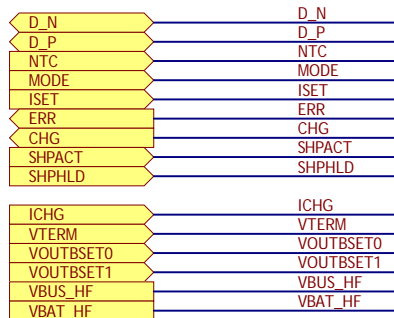
Miscellaneous


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The No ERC object is a design directive.  
This directive is placed on a node in the circuit to suppress harmless warnings  
and/or error violation conditions that are detected when the schematic project

...

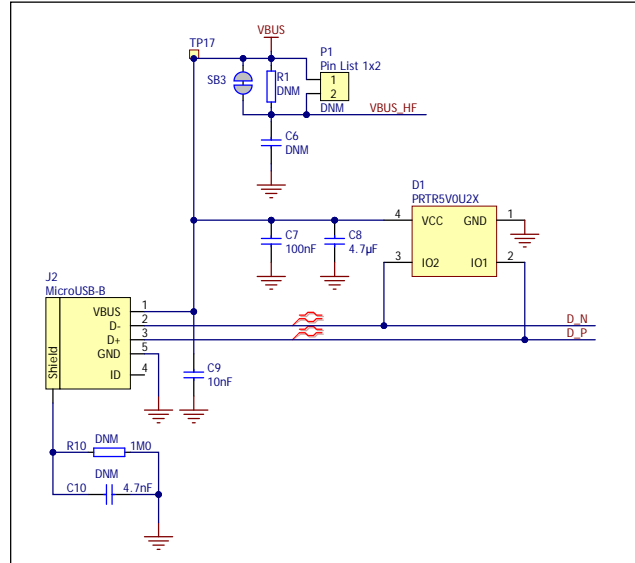
PCA10123 - Cover			
Size A3	Project Number PCA10123	Revision 1.0.0	
Date: 09.09.2021		Sheet 1 of 3	
File: pca10123_sheet1_cover.SchDoc		Drawn By: GETR	



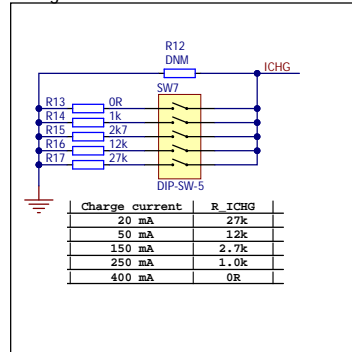
Title PCA10123 - Misc			
Size A4	Project Number PCA10123	Revision 1.0.0	
Date: 15.09.2021			Sheet 2 of 3
File: pca10123-sheet2_nPM1100.SchDoc			Drawn By: GETR

D_N	D_N
D_P	D_P
NTC	NTC
MODE	MODE
ISET	ISET
ERR	ERR
CHG	CHG
SHPACT	SHPACT
SHPHLD	SHPHLD
ICHG	ICHG
VTERM	VTERM
VOUTBSET0	VOUTBSET0
VOUTBSET1	VOUTBSET1
VBUS_HF	VBUS_HF
VBAT_HF	VBAT_HF

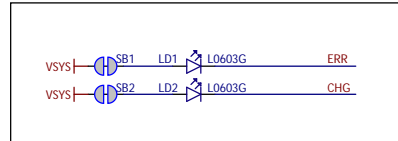
## USB Communication Interface



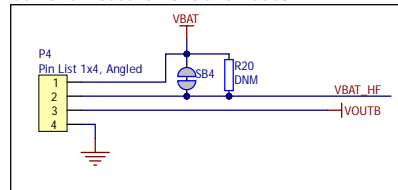
## Charge Current Selection



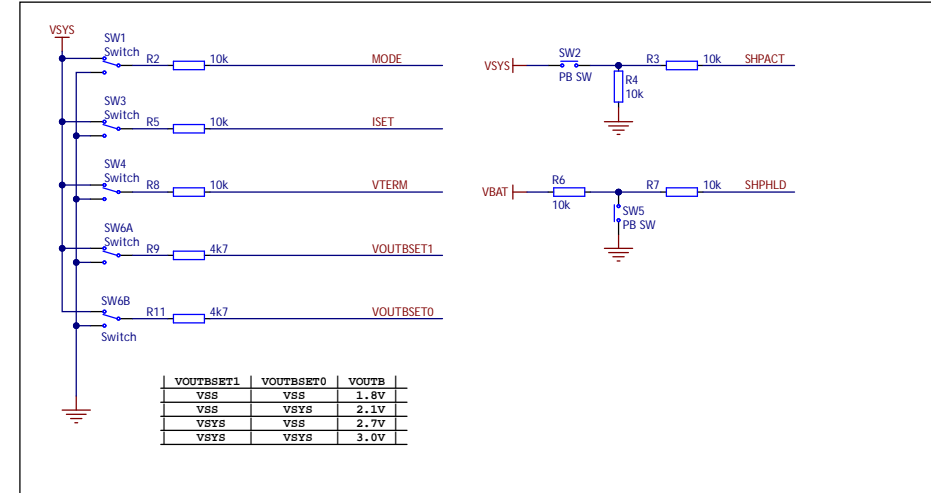
## LEDs



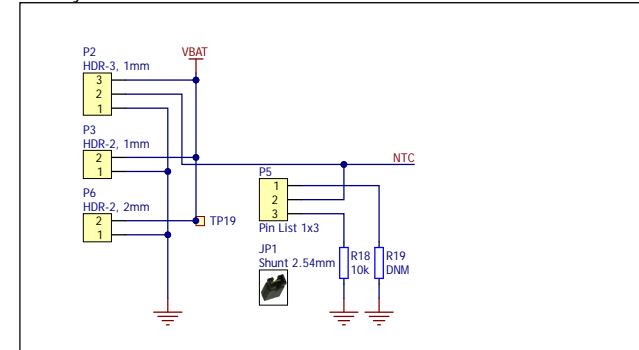
## Current measurement and Voutb



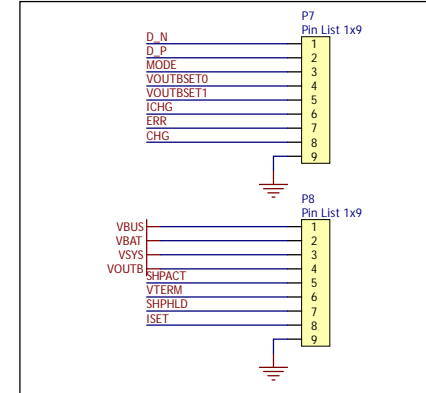
## Switches



## Battery Connectors

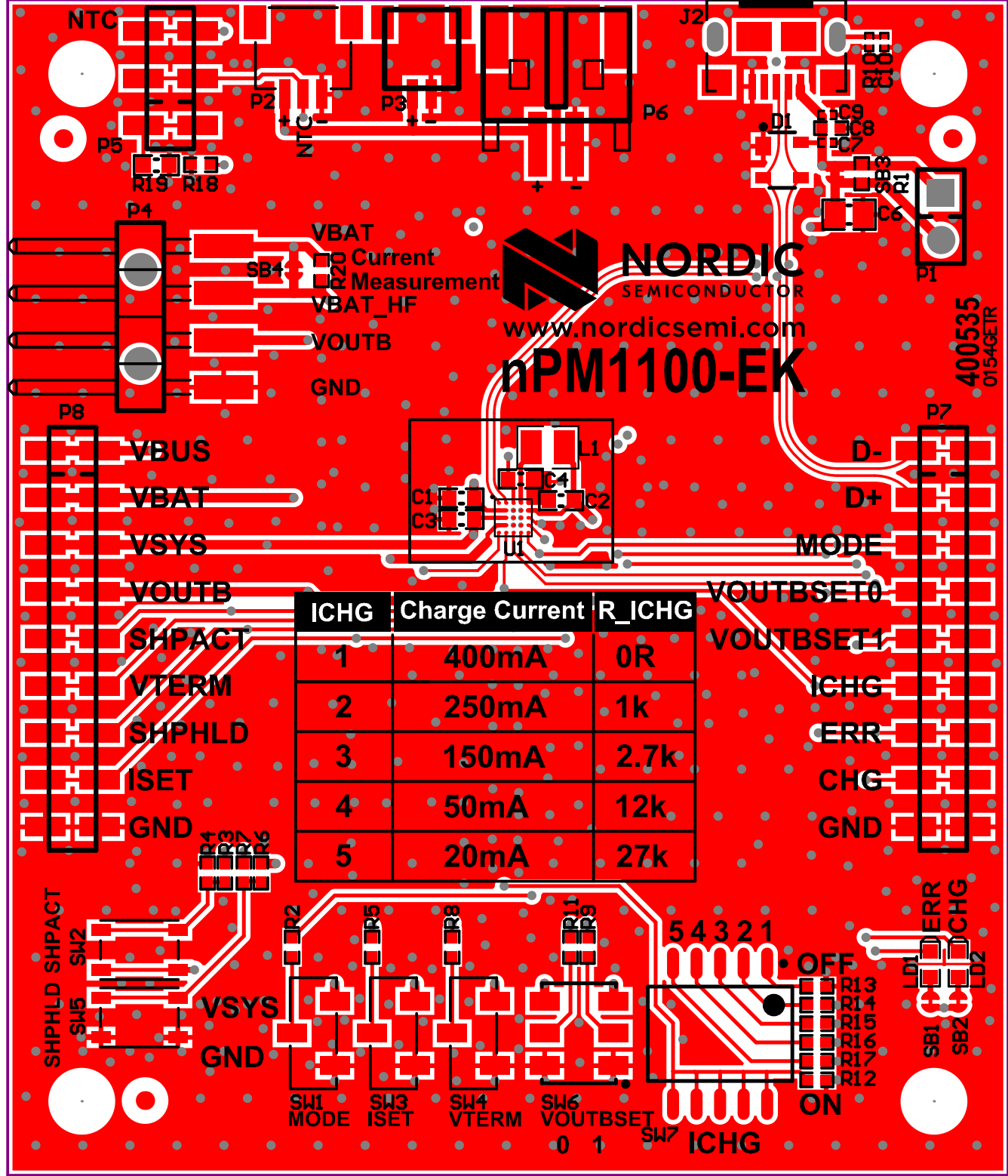


## Pinlist Connector



## nPM1100 Evaluation kit

Size	Project Number	Revision	
A3	PCA10123	1.0.0	
Date: 16.09.2021	Sheet 3 of 3		
File: pca10123-sheet3_misc.SchDoc	Drawn By: GETR		



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nPM1100-EK

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0154GETR

ICHG	Charge Current	R_ICHG
1	400mA	0R
2	250mA	1k
3	150mA	2.7k
4	50mA	12k
5	20mA	27k

